

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E89706

Employer : Virginia Mason Medical Center

Worksite : Federal Way

Street : 33501 1st Way S

Jurisdiction : City of Federal Way

Participation : CTR

Status : Affected

Survey Type : Paper

Response Rate : 72%

Survey Date : 5/16/2017

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 1.3%

Drive Alone Rate : 98.7%

One-Way VMT per employee : 14.8

Average One-Way distance home to work : 20.0

Employees and Survey Response Information

Reported Total Employees at Worksite: 279

Surveys Distributed : 130

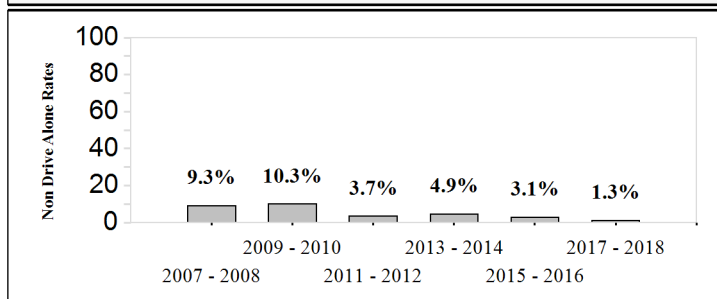
Surveys Returned : 94

Surveys Returned by CTR Affected* Employees : 67

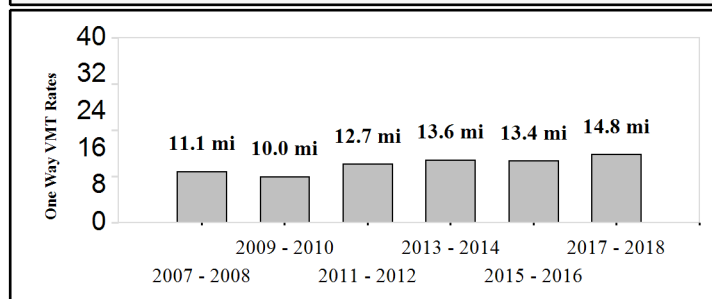
Total Estimated CTR Affected Employees at Worksite : 93

**CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.*

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO₂e Pounds CO₂e

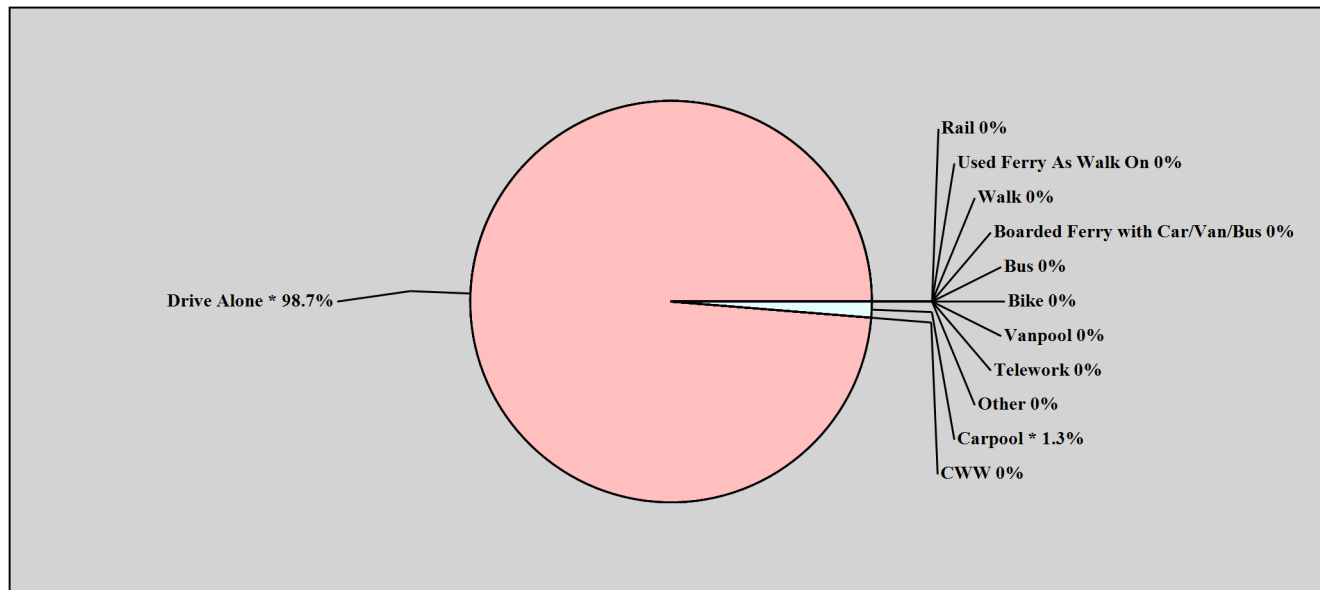
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	9.3%	9.9%	305	619	19.6	11.1	11.0
2009 - 2010	10.3%	10.3%	259	539	17.0	10.0	10.1
2011 - 2012	3.7%	3.8%	429	701	22.2	12.7	12.6
2013 - 2014	4.9%	4.9%	298	789	24.9	13.6	13.7
2015 - 2016	3.1%	3.5%	270	714	22.6	13.4	13.6
2017 - 2018	1.3%	1.5%	257	763	24.1	14.8	15.8
Target	24.4%				Target:	10.9	
% Point Change Target:	15.1				% Change Target:	-1.8%	
% Point Change from Baseline:	-8.0				% Change from Baseline:	33.3%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



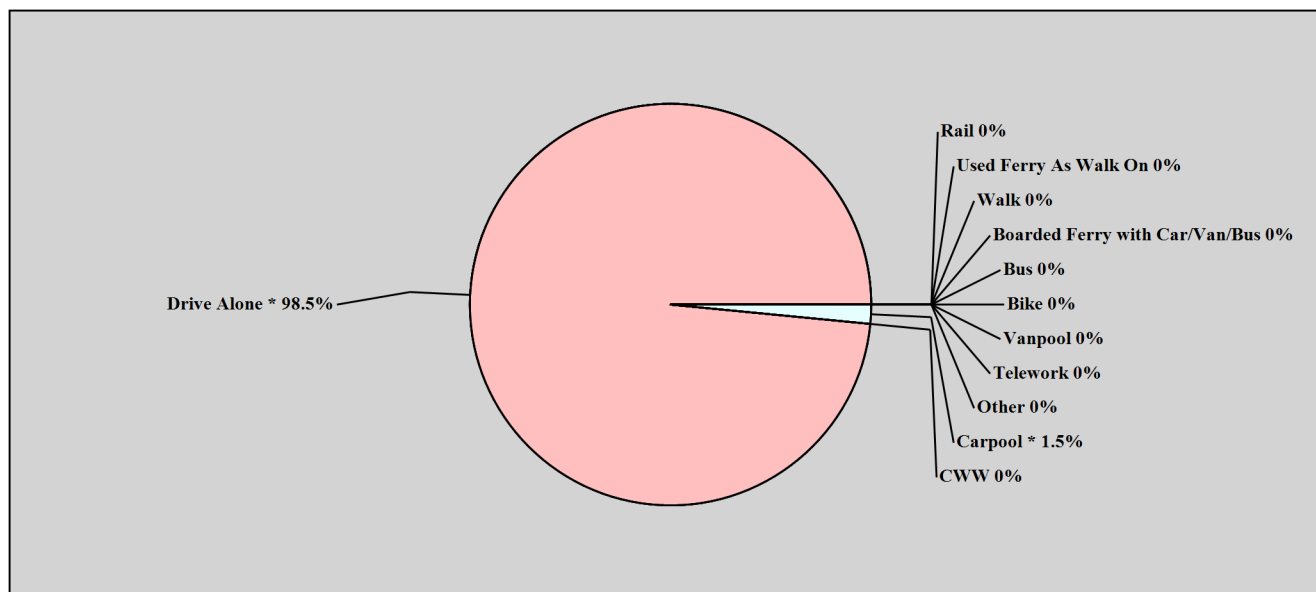
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	386	98.7%	96.9%	82	87.2%	98.0%
Carpool *	5	1.3%	2.3%	1	1.1%	3.9%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	0	0.0%	0.8%	0	0.0%	2.0%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	0	0.0%	0.0%	0	0.0%	0.0%
Walk	0	0.0%	0.0%	0	0.0%	0.0%
Telework	0	0.0%	0.0%	0	0.0%	0.0%
CWW	0	0.0%	0.0%	0	0.0%	0.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	0	0.0%	0.0%	0	0.0%	0.0%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	321	98.5%	96.5%	66	98.5%	98.9%
Carpool *	5	1.5%	2.6%	1	1.5%	4.5%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	0	0.0%	0.9%	0	0.0%	2.3%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	0	0.0%	0.0%	0	0.0%	0.0%
Walk	0	0.0%	0.0%	0	0.0%	0.0%
Telework	0	0.0%	0.0%	0	0.0%	0.0%
CWW	0	0.0%	0.0%	0	0.0%	0.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	0	0.0%	0.0%	0	0.0%	0.0%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	93	99%	94	100%
1 Days	0	0%	1	1%
2 Days	0	0%	1	1%
3 Days	0	0%	1	1%
4 Days	0	0%	1	1%
5 Days	1	1%	1	1%
6 or More Days	0	0%	0	0%

Count by Occupancy of Carpools and Vanpools

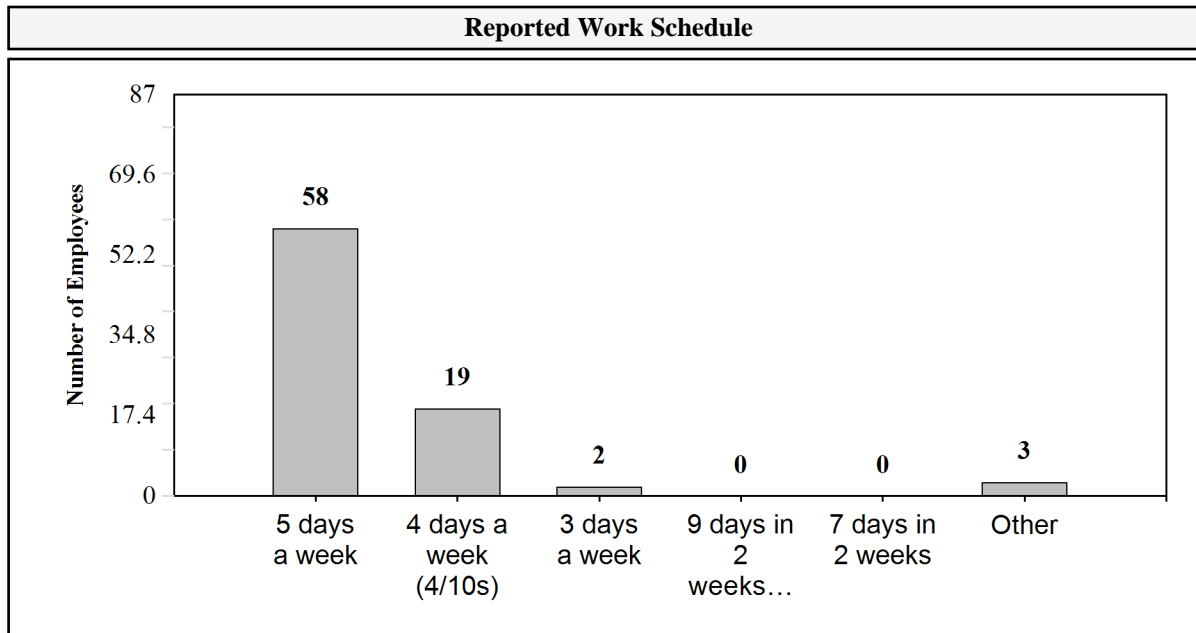
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	5
3	Carpool	0
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	0
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

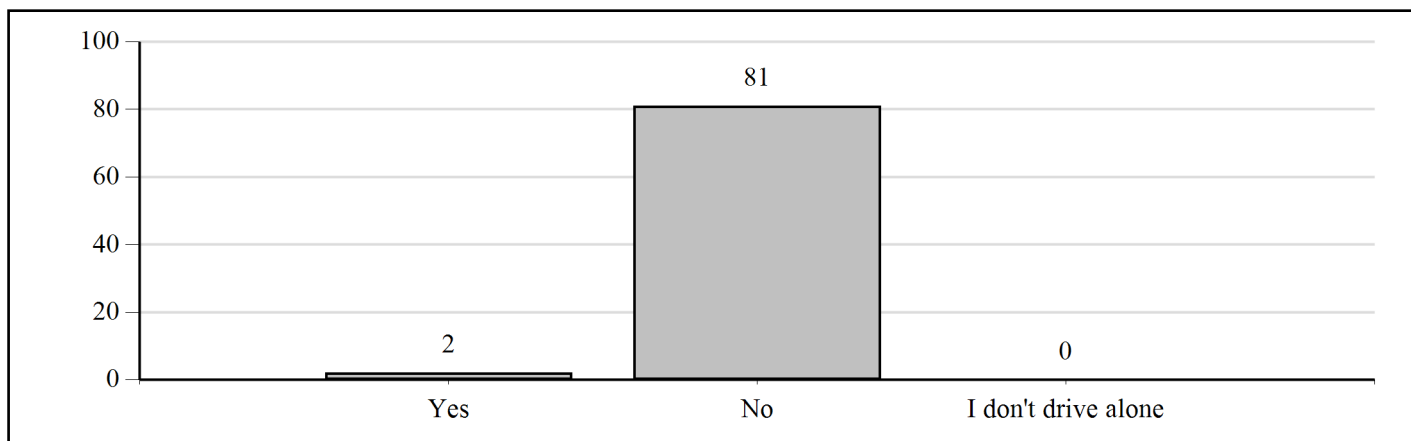
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	58	70.7%
4 days a week (4/10s)	19	23.2%
3 days a week	2	2.4%
9 days in 2 weeks (9/80)	0	0%
7 days in 2 weeks	0	0%
Other	3	3.7%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	11	11.7%
I don't telework	82	87.2%
Occasionally, on an as-needed basis	1	1.1%
1-2 days/month	0	0.0%
1 day/week	0	0.0%
2 days/week	0	0.0%
3 days/week	0	0.0%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Other	17	21.3%
Personal health or well-being	11	13.8%
Free or subsidized bus, train, vanpool pass or fare benefit	10	12.5%
To save money	8	10.0%
Cost of parking or lack of parking	7	8.8%
To save time using the HOV lane	7	8.8%
Emergency ride home is provided	6	7.5%
Driving myself is not an option	5	6.3%
Environmental and community benefits	5	6.3%
Financial incentives for carpooling, bicycling or walking.	2	2.5%
I have the option of teleworking	1	1.3%
I receive a financial incentive for giving up my parking space	1	1.3%
Preferred/reserved carpool/vanpool parking is provided	0	0.0%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	49	24.6%
I like the convenience of having my car	46	23.1%
My commute distance is too short	36	18.1%
Family care or similar obligations	35	17.6%
Other	12	6.0%
Bicycling or walking isn't safe	11	5.5%
There isn't any secure or covered bicycle parking	5	2.5%
My job requires me to use my car for work	3	1.5%
I need more information on alternative modes	2	1.0%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
	13	13.83%	6	0	0	0	0	0	0	0	0	0	0	0	0
98023	13	13.83%	57	5	0	0	0	0	0	0	0	0	0	0	0
98003	12	12.77%	60	0	0	0	0	0	0	0	0	0	0	0	0
98422	9	9.57%	40	0	0	2	0	0	0	0	0	0	0	0	0
98001	3	3.19%	14	0	0	0	0	0	0	0	0	0	0	0	0
98032	3	3.19%	13	0	0	0	0	0	0	0	0	0	0	0	0
98374	3	3.19%	13	0	0	0	0	0	0	0	0	0	0	0	0
98042	2	2.13%	8	0	0	0	0	0	0	0	0	0	0	0	0
98055	2	2.13%	9	0	0	0	0	0	0	0	0	0	0	0	0
98092	2	2.13%	9	0	0	0	0	0	0	0	0	0	0	0	0
98188	2	2.13%	11	0	0	0	0	0	0	0	0	0	0	0	0
98338	2	2.13%	9	0	0	0	0	0	0	0	0	0	0	0	0
98372	2	2.13%	10	0	0	0	0	0	0	0	0	0	0	0	0
98424	2	2.13%	10	0	0	0	0	0	0	0	0	0	0	0	0
98444	2	2.13%	9	0	0	0	0	0	0	0	0	0	0	0	0
9800	1	1.06%	5	0	0	0	0	0	0	0	0	0	0	0	0
98002	1	1.06%	5	0	0	0	0	0	0	0	0	0	0	0	0
98010	1	1.06%	4	0	0	0	0	0	0	0	0	0	0	0	0
98022	1	1.06%	5	0	0	0	0	0	0	0	0	0	0	0	0
98030	1	1.06%	5	0	0	0	0	0	0	0	0	0	0	0	0
98031	1	1.06%	5	0	0	0	0	0	0	0	0	0	0	0	0
98106	1	1.06%	4	0	0	0	0	0	0	0	0	0	0	0	0
98108	1	1.06%	3	0	0	0	0	0	0	0	0	0	0	0	0
98116	1	1.06%	5	0	0	0	0	0	0	0	0	0	0	0	0
98155	1	1.06%	5	0	0	0	0	0	0	0	0	0	0	0	0
98166	1	1.06%	4	0	0	0	0	0	0	0	0	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98271	1	1.06%	5	0	0	0	0	0	0	0	0	0	0	0	0
98304	1	1.06%	5	0	0	0	0	0	0	0	0	0	0	0	0
98335	1	1.06%	5	0	0	0	0	0	0	0	0	0	0	0	0
98360	1	1.06%	5	0	0	0	0	0	0	0	0	0	0	0	0
98375	1	1.06%	5	0	0	0	0	0	0	0	0	0	0	0	0
98387	1	1.06%	5	0	0	0	0	0	0	0	0	0	0	0	0
98404	1	1.06%	5	0	0	0	0	0	0	0	0	0	0	0	0
98405	1	1.06%	4	0	0	0	0	0	0	0	0	0	0	0	0
98409	1	1.06%	5	0	0	0	0	0	0	0	0	0	0	0	0
98465	1	1.06%	7	0	0	0	0	0	0	0	0	0	0	0	0
98503	1	1.06%	5	0	0	0	0	0	0	0	0	0	0	0	0